

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	85	(picture\$2 or image\$2 or scan\$4) same ((alternating near current\$) or (multiple near phase\$2) or AC) same (defect\$1 or flaw \$1) and (wafer or (circuit adj board))	US-PGPUB; USPAT	OR	OFF	2011/03/22 13:21
L5	7	(picture\$2 or image\$2 or scan\$4) same ((alternating near current\$) or (multiple near phase\$2) or AC) same (defect\$1 or flaw \$1) same (wafer or (circuit adj board))	US-PGPUB; USPAT	OR	OFF	2011/03/22 13:22
L6	72	(picture\$2 or image\$2 or scan\$4) same ((alternating near current\$) or (multiple near phase\$2) or AC) same (defect\$1 or flaw \$1) same (wafer or (circuit adj board) or (conductive adj pattern) or conduct\$4)	US-PGPUB; USPAT	OR	OFF	2011/03/22 13:23
L7	13	(picture\$2 or image\$2 or scan\$4) same ((alternating near current\$) or (multiple near phase\$2) or AC) same (defect\$1 or flaw \$1) same (wafer or (circuit adj board) or (conductive adj pattern) or conduct\$4) same (optical or light)	US-PGPUB; USPAT	OR	OFF	2011/03/22 13:37
L8	1	"10530157"	US-PGPUB; USPAT	OR	OFF	2011/03/22 13:42

L9	2	(picture\$2 or image\$2 or scan\$4) same ((alternating near current\$) or (multiple near phase\$2) or AC) same (defect\$1 or flaw \$1) near (wafer or (circuit adj board) or (conductive adj pattern) or conduct\$4)	US-PGPUB; USPAT	OR	OFF	2011/03/22 13:46
L10	31	(US-20010048110-\$ or US-20060164115-\$ or US-20060098862-\$ or US-20030076989-\$ or US-20030058435-\$ or US-20020171051-\$ or US-20020012118-\$ or US-20010052781-\$ or US-20070280527-\$ or US-20040032581-\$ or US-20060192904-\$). did. or (US-5514971-\$ or US-6952492-\$ or US-6366688-\$ or US-5943437-\$ or US-5699447-\$ or US-4200801-\$ or US-5085517-\$ or US-7274444-\$ or US-5617203-\$ or US-6020957-\$ or US-6781688-\$ or US-6360005-\$ or US-6271671-\$ or US-5272434-\$ or US-4806776-\$ or US-5331394-\$ or US-6924898-\$ or US-5430305-\$ or US-6281678-\$ or US-6544802-\$). did.	US-PGPUB; USPAT	OR	OFF	2011/03/22 14:08
L18	6	"636782".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/03/22 14:27
L19	1	EP-493906-\$	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/03/22 14:28
L20	0	"5126660".pn. and (alternating or ac)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/03/22 14:29
L21	0	"5126660".pn. and (current)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/03/22 14:29

L22	2	"5126660".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/03/22 14:30
L23	1	EP-299432-\$	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/03/22 14:32
L24	0	"4906922".pn. and (alternating or AC)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/03/22 14:32
L25	1	"6403386".pn.	US-PGPUB; USPAT	OR	OFF	2011/03/22 15:47
L26	0	"6403386".pn. and alternating	US-PGPUB; USPAT	OR	OFF	2011/03/22 15:48
L27	0	"6403386".pn. and AC	US-PGPUB; USPAT	OR	OFF	2011/03/22 15:48
L28	73	"324".clas. and (((alternating adj current) or AC) same voltage) same (scan\$4 or picture or imag\$4) and (defect or flaw)	US-PGPUB; USPAT	OR	OFF	2011/03/22 16:01
L29	34	(US-20010048110-\$ or US-20060164115-\$ or US-20060098862-\$ or US-20030076989-\$ or US-20030058435-\$ or US-20020171051-\$ or US-20020012118-\$ or US-20010052781-\$ or US-20070280527-\$ or US-20040032581-\$ or US-20060192904-\$), did. or (US-5514971-\$ or US-6952492-\$ or US- 6366688-\$ or US- 5943437-\$ or US- 5699447-\$ or US- 4200801-\$ or US- 5085517-\$ or US- 7274444-\$ or US- 5617203-\$ or US- 6020957-\$ or US- 6781688-\$ or US- 6360005-\$ or US- 6271671-\$ or US- 5272434-\$ or US- 4806776-\$ or US- 5331394-\$ or US- 6924898-\$ or US- 5430305-\$ or US- 6281678-\$ or US- 6544802-\$ or US- 5126660-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/03/22 16:07

		6403386-\$ or US-6344750-\$).did.				
L30	125	"257".clas. and (((alternating adj current) or AC) same voltage) same (scan\$4 or picture or imag\$4) and (defect or flaw)	US-PGPUB; USPAT	OR	OFF	2011/03/22 16:14
L43	27	"257".clas. and (((alternating adj current) or AC) same voltage) same (scan\$4 or picture or imag\$4) and (defect or flaw) and @py-<"2004"	US-PGPUB; USPAT	OR	OFF	2011/03/22 16:31
S1	3	("5272434"   "5699447"   "6271671"   "6271671").PN.	USPAT	OR	OFF	2009/12/21 11:50
S3	1	"20060192904"	US-PGPUB; USPAT	OR	OFF	2009/12/21 12:08
S4	1	"20060192904" and image	US-PGPUB; USPAT	OR	OFF	2009/12/21 12:09
S8	131	OBI RCH or (Optical adj Beam adj Induced adj Resistance adj Change) and Nikawa\$ and NEC and (multiple near phases)	US-PGPUB; USPAT	OR	OFF	2009/12/21 12:17
S9	3	("20010048110"   "20020135390"   "5514971").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/21 12:35
S10	16	("20010052781"   "20020012118"   "20020154303"   "20020171051"   "20030133604"   "20030058435"   "20030076989"   "20030203520"   "20040032979"   "20040022429"   "20040037468"   "20040120579"   "20040126909"   "5943437"   "6952492"   "6366688").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/21 12:39
S13	0	S1 and obirch	USPAT	OR	OFF	2009/12/21 12:45
S14	2	S1 and image	USPAT	OR	OFF	2009/12/21 12:45

S15	13	(US-20010048110-\$ or US-20060164115-\$ or US-20060098862-\$ or US-20030076989-\$ or US-20030058435-\$ or US-20020171051-\$ or US-20020012118-\$ or US-20010052781-\$). did. or (US-5514971-\$ or US-6952492-\$ or US-6366688-\$ or US-5943437-\$ or US-5699447-\$). did.	US-PGPUB; USPAT	OR	OFF	2009/12/21 15:04
S16	1	"10530157"	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:00
S17	0	S16 and synchronize	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:00
S18	1	S16 and synchronize\$	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:01
S19	65	(almogy near gilad).in.	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:02
S20	22	(almogy near gilad).in. and synchronize\$	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:02
S21	1	(almogy near gilad).in. and synchronize\$ and alternating	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:02
S22	6	(almogy near gilad).in. and alternating	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:02
S23	53	(almogy near gilad).in. and defect\$	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:04
S24	40	(almogy near gilad).in. and defect	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:04
S25	23	(almogy near gilad).in. and defect	USPAT	OR	OFF	2010/11/19 17:07
S26	9	("4532430"   "4692690"   "5399867"   "5822055"   "5936726"   "6067154").PN. OR ("6791099").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:09
S27	0	S26 and (alternating or (multiple near phases))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:12
S28	0	S26 and (AC)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:12
S29	3	S26 and current	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:12

S30	23	("20020033449"   "20040042001"   "4255055"   "4795911"   "5450193"   "5461474"   "5473426"   "5748317"   "6018413"   "6043932"   "6084716"   "6122046"   "6253621"   "6320666"   "6621571"   "6636301"   "6791099"   "6809808"   "6858859"   "6867406"   "6879390"   "6897959"   "6930314").PN. OR ("7359045").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:13
S31	2	S30 and (alternating or (multiple near phase \$2) or AC)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:14
S32	56	("4087685"   "4152723"   "4305097"   "4343553"   "4349277"   "4520388"   "4536654").PN. OR ("4692690").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:14
S33	5	S32 and (alternating or (multiple near phase \$2) or AC)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:14
S34	15	("4087685"   "4200801"   "4236082"   "4336459"   "4744663"   "4800282"   "4816686"   "4877965"   "5067811").PN. OR ("5399867").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:15
S35	2	S34 and (alternating or (multiple near phase \$2) or AC)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:15
S36	32	("4200801").URPN.	USPAT	OR	OFF	2010/11/19 17:17
S37	6	S36 and (alternating or (multiple near phase \$2) or AC)	USPAT	OR	OFF	2010/11/19 17:17
S38	15711	(picture\$2 or image\$2) same ((alternating near current\$) or (multiple near phase \$2) or AC)	USPAT	OR	OFF	2010/11/19 17:20

S39	27458	(picture\$2 or image\$2) same ((alternating near current\$) or (multiple near phase \$2) or AC)	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:20
S40	2983	S39 and defect	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:21
S41	608	S39 and defect and illuminat\$	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:21
S42	44	S39 and defect and illuminat\$ and "356". clas.	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:21
S43	6182	(picture\$2 or image\$2) same ((alternating near current\$) or (multiple near phase \$2))	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:23
S44	664	S43 and defect	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:23
S45	16	S44 and "356".clas.	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:23
S46	1	S44 and "422".clas.	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:29
S47	146	S43 and defect and ((multiple or first or second or sequential) near image\$2)	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:30
S48	1	"5272434".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/19 17:42
S49	45	("3449583"   "3934199"   "3990770"   "4105298"   "4147979"   "4242635"   "4269481"   "4333051"   "4355278"   "4446425"   "4603293"   "4618819"   "4642560"   "4681449"   "4779961"   "4841234"   "4870356"   "4877298"   "4891579"   "4891584"   "4906922"   "4910454"   "4920310"   "4923288"   "4999577"   "5090824").PN. OR ("5272434").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:43
S50	4	S49 and (alternating or (multiple near phase \$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 17:44

S51	1	S18 and "560"	US-PGPUB; USPAT	OR	OFF	2010/11/19 18:36
S52	16	(US-20010048110-\$ or US-20060164115-\$ or US-20060098862-\$ or US-20030076989-\$ or US-20030058435-\$ or US-20020171051-\$ or US-20020012118-\$ or US-20010052781-\$ or US-20070280527-\$). did. or (US-5514971-\$ or US-6952492-\$ or US- 6366688-\$ or US- 5943437-\$ or US- 5699447-\$ or US- 4200801-\$ or US- 5085517-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/19 18:41
S53	134	("4532650"   "4589140"   "4618938"   "4693608"   "4764969"   "4791586"   "4805123"   "4845558"   "4872052"   "4926489"   "5133601"   "5159646"   "5204910").PN. OR ("5699447").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 18:41
S54	9	S53 and (alternating or (multiple near phase \$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 18:41
S55	104	("20010033386"   "20020037099"   "20030184739"   "20030227618"   "20040032581"   "20040146295"   "20050084766"   "3598467"   "4011403"   "4247203"   "4347001"   "4360372"   "4378159"   "4486776"   "4556317"   "4579455"   "4597665"   "4601576"   "4618938"   "4639587"   "4644172"   "4734923"   "4760265"   "4766324"   "4806774"   "4845558"   "4877326"   "4898471"   "4967095"   "4969198"   "5008743"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 18:49

		"5029975"   "5056765"   "5058982"   "5076692"   "5112129"   "5153668"   "5185812"   "5194959"   "5264912"   "5267017"   "5381004"   "5422724"   "5537669"   "5586058"   "5604585"   "5608155"   "5617203"   "5619429"   "5619588"   "5659172"   "5699447"   "5784189"   "5797317"   "5798829"   "5822055"   "5825482"   "5864394"   "5883710"   "5892579"   "5907628"   "5912735"   "5917588"   "5939647"   "5970168"   "5982921"   "5991699"   "6020957"   "6021214"   "6064517"   "6075375"   "6078386"   "6099596"   "6122046"   "6124924"   "6169282"   "6172349"   "6175645"   "6175646"   "6178257"   "6201601"   "6208411"   "6208750"   "6215551"   "6226116"   "6236454"   "6256093"   "6267005"   "6268093"   "6268916"   "6271916"   "6274878"   "6288780"   "6317514"   "6324298"   "6347173"   "6360005"   "6361910"   "6366315"   "6369888"   "6456420"   "6686995"   "6781688"   "6892013") PN.				
S66	11	S55 and (alternating or (multiple near phase \$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 18:50
S67	17	S55 and (alternating or (multiple near phase\$2) or ac)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 19:02

S58	14	S57 and (camera or CCD or imag\$3 or pictur\$)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 19:03
S59	1	"10530157"	US-PGPUB; USPAT	OR	OFF	2010/11/30 11:12
S60	1	S59 and "560"	US-PGPUB; USPAT	OR	OFF	2010/11/30 11:12
S61	24	(US-20010048110-\$ or US-20060164115-\$ or US-20060098862-\$ or US-20030076989-\$ or US-20030058435-\$ or US-20020171051-\$ or US-20020012118-\$ or US-20010052781-\$ or US-20070280527-\$ or US-20040032581-\$). did. or (US-5514971-\$ or US-6952492-\$ or US- 6366688-\$ or US- 5943437-\$ or US- 5699447-\$ or US- 4200801-\$ or US- 5085517-\$ or US- 7274444-\$ or US- 5617203-\$ or US- 6020957-\$ or US- 6781688-\$ or US- 6360005-\$ or US- 6271671-\$ or US- 5272434-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/30 11:36
S62	24	(US-20010048110-\$ or US-20060164115-\$ or US-20060098862-\$ or US-20030076989-\$ or US-20030058435-\$ or US-20020171051-\$ or US-20020012118-\$ or US-20010052781-\$ or US-20070280527-\$ or US-20040032581-\$). did. or (US-5514971-\$ or US-6952492-\$ or US- 6366688-\$ or US- 5943437-\$ or US- 5699447-\$ or US- 4200801-\$ or US- 5085517-\$ or US- 7274444-\$ or US- 5617203-\$ or US- 6020957-\$ or US- 6781688-\$ or US- 6360005-\$ or US- 6271671-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:00

		5272434-\$).did.				
S63	24	(US-20010048110-\$ or US-20060164115-\$ or US-20060098862-\$ or US-20030076989-\$ or US-20030058435-\$ or US-20020171051-\$ or US-20020012118-\$ or US-20010052781-\$ or US-20070280527-\$ or US-20040032581-\$). did. or (US-5514971-\$ or US-6952492-\$ or US-6366688-\$ or US-5943437-\$ or US-5699447-\$ or US-4200801-\$ or US-5085517-\$ or US-7274444-\$ or US-5617203-\$ or US-6020957-\$ or US-6781688-\$ or US-6360005-\$ or US-6271671-\$ or US-5272434-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:01
S64	231296	S63 and ((alternating near current) or (AC))	USPAT	OR	OFF	2011/03/22 09:01
S65	3	S63 and ((alternating near current) or (AC))	USPAT	OR	OFF	2011/03/22 09:02
S66	3	S63 and ((alternating near current) or (AC))	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:02
S67	1712	356/237.2.ccls.	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:13
S68	139	356/237.2.ccls. and alternating	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:13
S69	88	356/237.2.ccls. and ((alternating adj current) or AC)	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:13
S70	0	356/237.2.ccls. and ((alternating adj current) or AC) and (multiple adj phases)	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:14
S71	6	356/237.2.ccls. and ((alternating adj current) or AC) and (phases)	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:14
S72	645	"356".clas. and ((alternating adj current) or AC) and (phases)	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:17

S73	28	"356".clas. and (((alternating adj current) or AC) and (phases) and ((processor or computer or controller) near imag\$4)	US-PGPUB; USPAT	OR	OFF	2011/03/22 09:18
S74	8	"356".clas. and (((alternating adj current) or AC) near voltage) and (phases) and ((processor or computer or controller) near imag\$4)	US-PGPUB; USPAT	OR	OFF	2011/03/22 10:36
S75	10	"356".clas. and (((alternating adj current) or AC) same voltage) and (phases) and ((processor or computer or controller) near imag\$4)	US-PGPUB; USPAT	OR	OFF	2011/03/22 10:39
S76	0	"356".clas. and (((alternating adj current) or AC) same voltage) near (scan\$4 or picture or imag\$4)	US-PGPUB; USPAT	OR	OFF	2011/03/22 11:02
S77	112	"356".clas. and (((alternating adj current) or AC) same voltage) same (scan\$4 or picture or imag\$4)	US-PGPUB; USPAT	OR	OFF	2011/03/22 11:02
S78	15	"356".clas. and (((alternating adj current) or AC) same voltage) same (scan\$4 or picture or imag\$4) and defect	US-PGPUB; USPAT	OR	OFF	2011/03/22 11:02
S79	16	"356".clas. and (((alternating adj current) or AC) same voltage) same (scan\$4 or picture or imag\$4) and (defect or flaw)	US-PGPUB; USPAT	OR	OFF	2011/03/22 11:04
S80	0	"422".clas. and (((alternating adj current) or AC) same voltage) same (scan\$4 or picture or imag\$4) and (defect or flaw)	US-PGPUB; USPAT	OR	OFF	2011/03/22 11:54

S81	527	"422".clas. and (((alternating adj current) or AC) and (phases))	US-PGPUB; USPAT	OR	OFF	2011/03/22 11:54
S82	0	"422".clas. and (((alternating adj current) or AC) same voltage) same (scan\$4 or picture or imag\$4) and (defect or flaw)	US-PGPUB; USPAT	OR	OFF	2011/03/22 11:54

**EAST Search History (Interference)**

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3/22/2011 4:34:37 PM  
C:\Documents and Settings\ssakelaris\My Documents\EAST\Workspaces\10530157.wsp